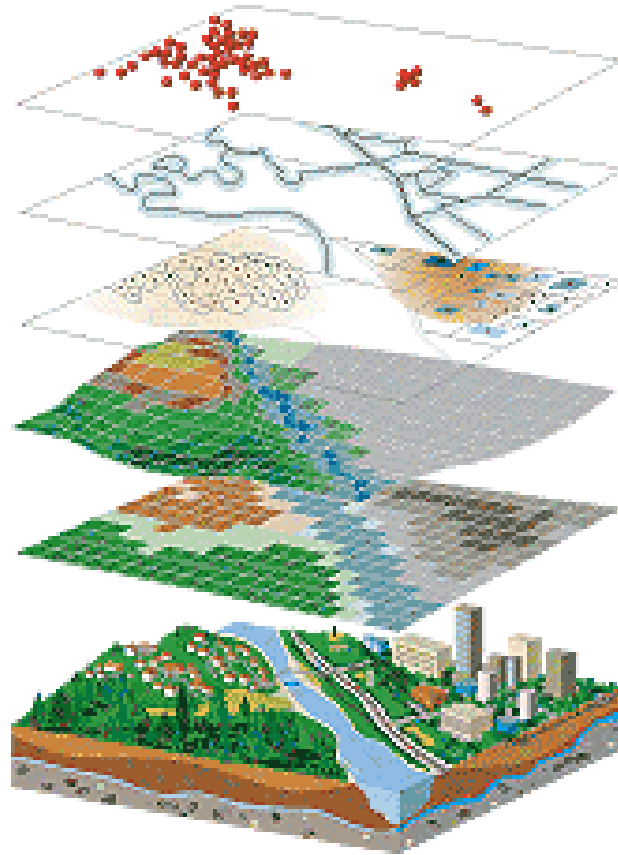


**On any given day,  
more than two million people around the world...**



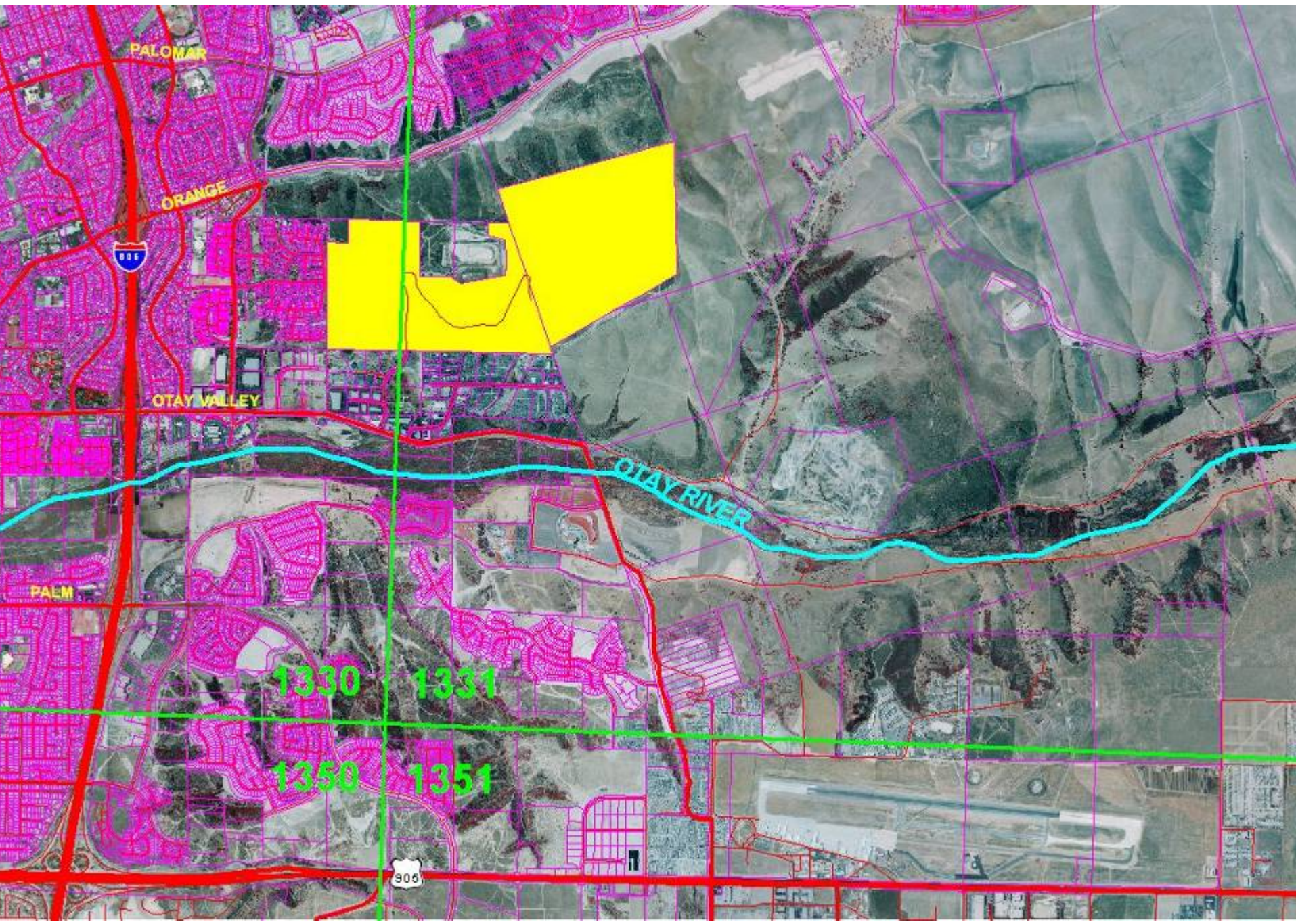
**use GIS to improve the way their organizations...  
see customers, evaluate situations, and conduct business.**

**GIS links location to information  
and layers that information  
to give you a better understanding of how it all interrelates.**

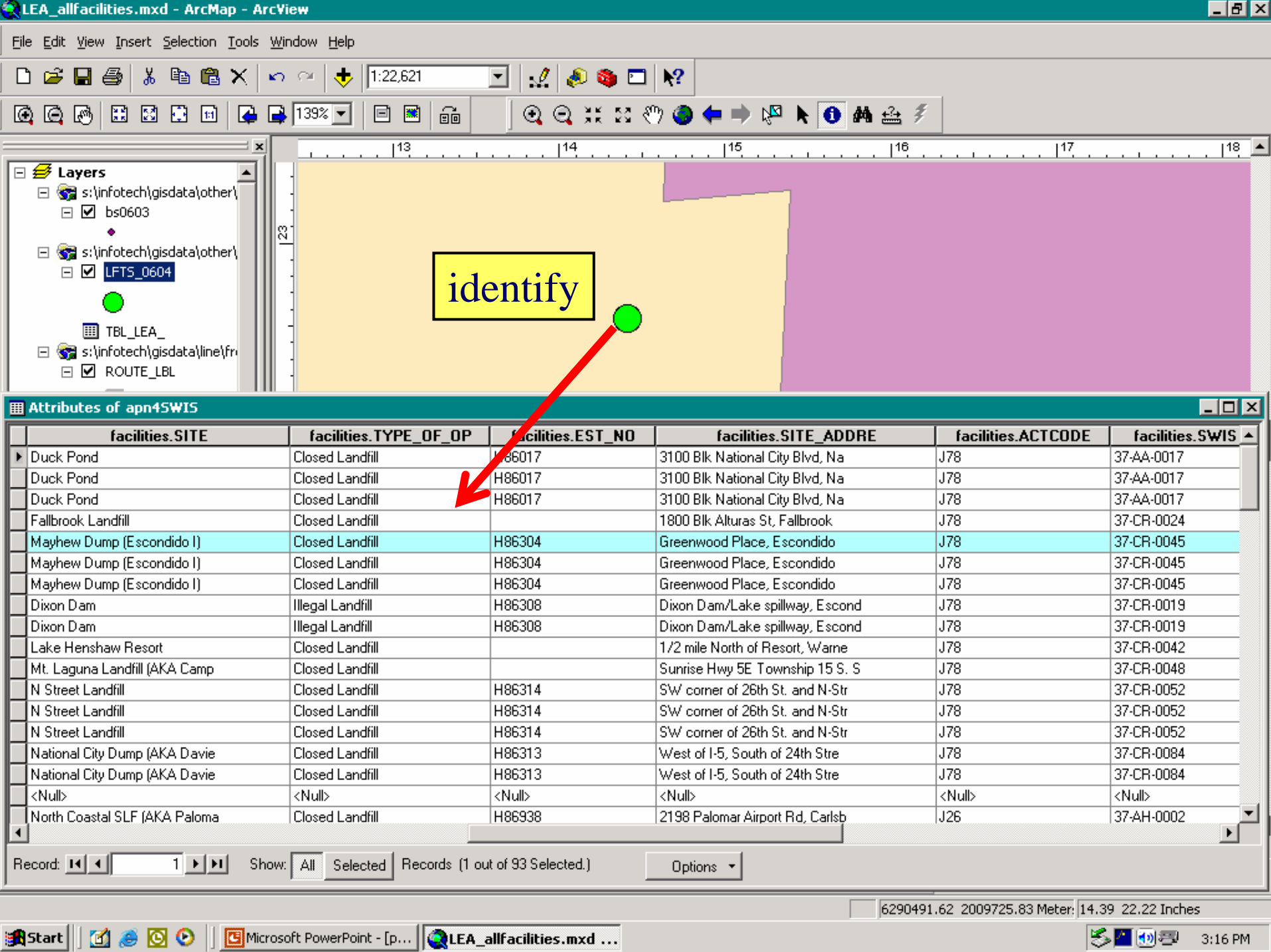


**You choose what layers to combine based on your purpose.**











## Ask a Question?

“What type of land use or receptors are near a burnsite?”



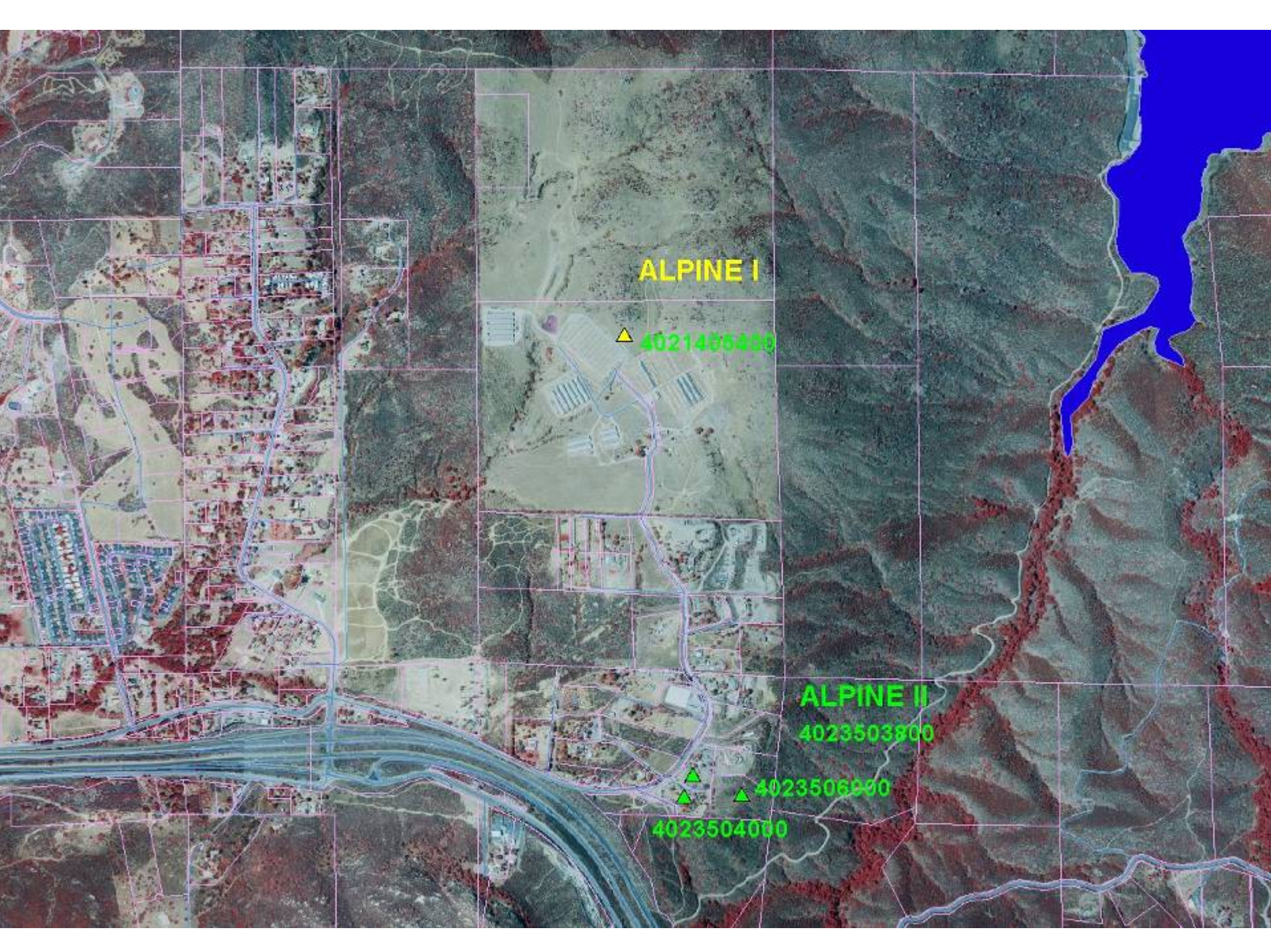


## Answer it with GIS:









ALPINE I

▲ 4021455439

ALPINE II  
4023503800

▲ 4023506900  
▲ 4023504000



Within an organization, or  
outside of an organization,

GIS output will

**Improve quality of customer service**  
**Encourage communication**  
**Increase efficiency**  
**Enhance credibility**





## Export custom maps as illustrations for reports



**County of San Diego  
Department of Environmental Health**

**RAMONA MATERIALS RECYCLING  
FACILITY AND TRANSFER STATION  
324 Maple Street, Ramona, CA 92065**



A horizontal number line representing distance in feet. The line is marked with 0, 300, 600, and 1,200. The segment between 300 and 600 is highlighted in white, while the rest of the line is black.



**DISCLAIMER:** This map is provided without warranty of any kind, either express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose. This product may contain information from the SANDAG Regional Information System, which cannot be reproduced without the written permission of SANDAG. This product may contain information which has been reproduced with permission granted by Thomas Brothers Maps. Copyright 2004, SANDAG. All Rights Reserved. Copyright 2004, AirPhotoUSA LLC. All Rights Reserved.



# Website Maps

## San Diego County Public Landfills & Transfer Stations

### FACILITY TYPE

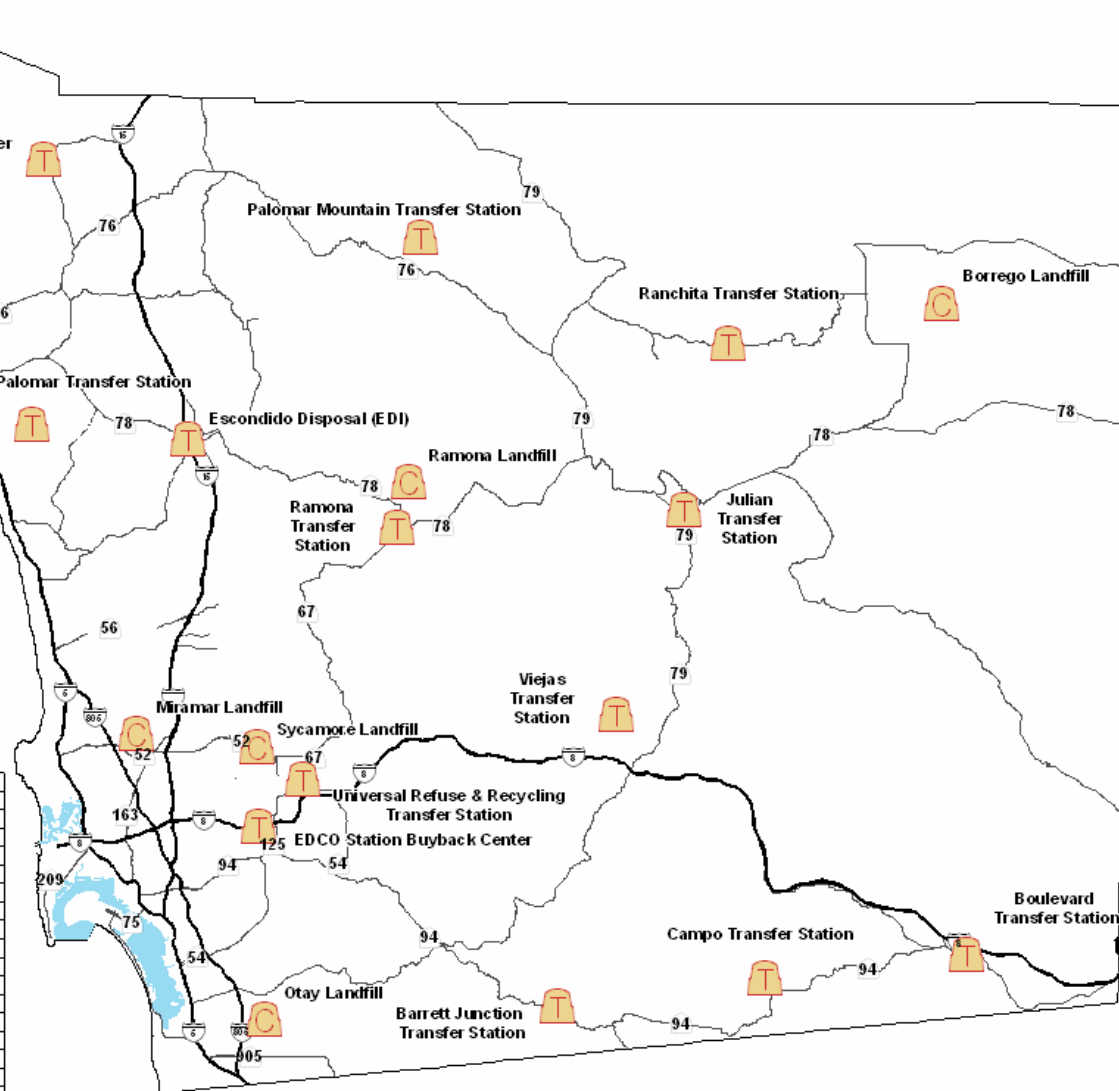


Landfill

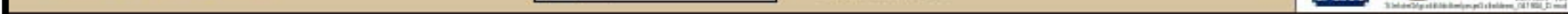


Transfer Station

FACILITY NAME	ADDRESS	CITY	ZIP	PHONE
Barrett Junction Transfer Station	1090 Barrett Lake Rd	Dulzura	91917	(619) 468-3163
Borrego Landfill	2449 Palm Canyon Dr.	Borrego Spring	92004	(760) 789-3410
Boulevard Transfer Station	41097 Old Highway 80	Boulevard	91905	(619) 766-4556
Campo Transfer Station	1515 Buckman Springs Rd	Campo	91906	(619) 478-5523
EDCO Station Buyback Center	8184 Commercial St	La Mesa	91942	(619) 287-7556
Escondido Disposal (EDI)	1044 W. Washington Ave	Escondido	92025	(760) 745-3203
Fallbrook Transfer Station (EDCO)	560 W Aviation Rd	Fallbrook	92020	(760) 728-6114
Julian Transfer Station	500 Pleasant View Dr.	Julian	92036	(760) 765-2963
Miramar Landfill	5161 Convey St	San Diego	92111	(858) 573-1420
Otay Landfill	1700 Maxwell Rd	Chula Vista	91911	(619) 421-3773
Palomar Mountain Transfer Station	22090 East Grade Rd	Palomar Mt.	92060	call Ramona LF
Palomar Transfer Station	5960 El Camino Real	Carlsbad	92008	(760) 929-9400
Ramona Landfill	20630 Pamo Rd	Ramona	92066	(760) 789-3410
Ramona Transfer Station	324 Maple St	Ramona	92066	(760) 789-0516
Ranchita Transfer Station	Montezuma Valley Rd	Ranchita	92066	(760) 782-2714
Sycamore Landfill	8514 Mast Boulevard	Santee	92071	(619) 562-9426
Universal Refuse & Recycling	1001 W Bradley Ave	El Cajon	92020	(619) 596-5100
Viejas Transfer Station	7850 Campbell Ranch Rd	Alpine	91901	(619) 445-8472









**Export and send “PDF” or Acrobat Reader maps**  
**Zoom-in for detail**



# Web-based mapping application

Mapgen V1.4 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Parcels - Rec# 1 of 1

Full View Layout Large

InCtr OutCtr

POINT R/B#: 0 RptOff Parcel Report

2811212100

WALNUT ST

APN/Kiva Detail	<a href="#">2811212100</a>
Name1	JEMCO EQUIPMENT CORP
Name2	
FractInt	1
Mail Addr1	P O BOX 1818
Mail Addr2	ESCONDIDO CA
OwnerZip	92033
Streetname	MAPLE
Streetsuf	ST
Address	324
LeglDesc	LOT 303*(EX ST)PAR C PER DOC96-448202 IN LOT 302&
LandVal	913867
ImpsVal	1317274
Acreage	7.08
TaxStat	T
OwnerOcc	
TRA	65006
UnitQty	0
SubMap	000644
MapName	RAMONA RE-FILED
Addrno	324
RoadName	MAPLE
Zipcode	92065

Done

Local intranet

Start

Microsoft PowerPoint - [p...]

S:\INFOTECH\GISDATA\...

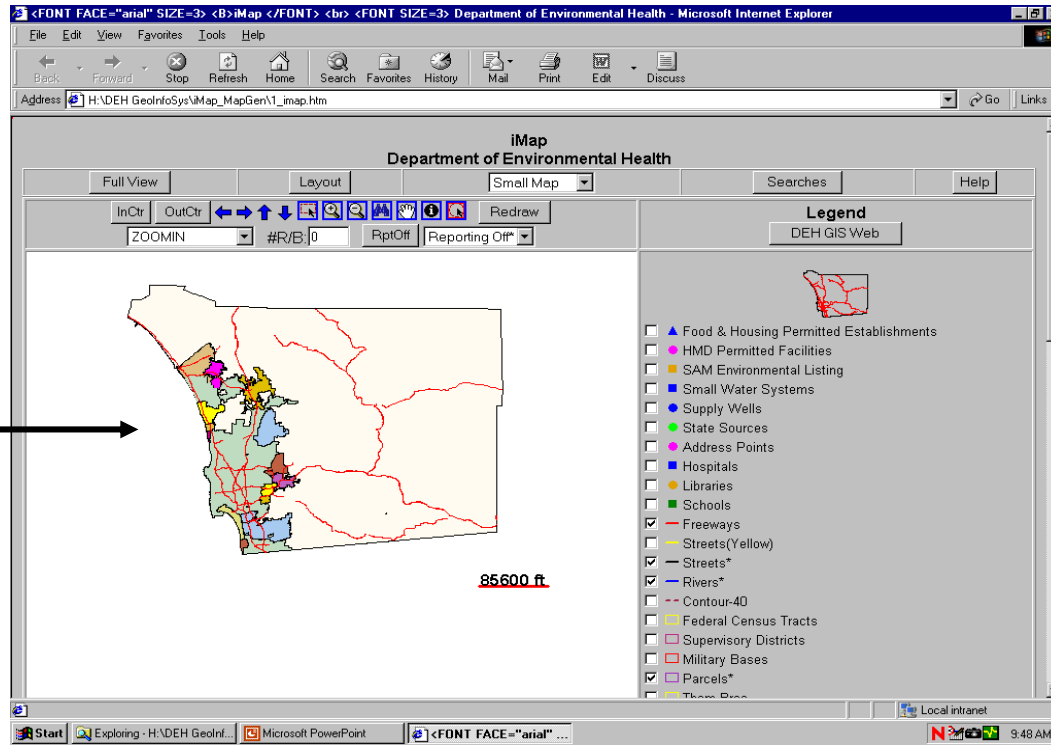
Mapgen V1.4 - Microsoft I...

mapgen: Identify Re...

2:29 PM

# Web-based mapping application

Map View



Searches

The screenshot shows the search interface of the iMap Department of Environmental Health web application. The interface includes a search bar for "Address or Intersection(f):" with a dropdown menu for "City" and a text input for "Zipcode:". Below this, there are sections for "Select XY Type" (Nad83 XY or Long/Lat (decimal)), "FHD E#:", "HMD H#:", "SAM H#:", "Address/APN Points:", "Census Tract", "Assessor PARCEL (10 digits)", "Thomas Brothers PAGE", "USGS QUAD", "Basin ID", "ZIPCODE", and "City Name". Each section has a corresponding search button (e.g., "FHD Permit Search", "HMD Permit Search", "SAM Site Search", "APN/Address Search", "Census Tract Search", "APN Search", "Thomas Brothers Search", "USGS QUAD Search", "Basin Search", "ZIPCODE Search", "City Search").

Permitted facility locations are displayed with a standard web browser, allowing inspectors to better respond to complaints and to identify adjacent land use type and potential risks or issues.



Microsoft Outlook - Sent Items

File Edit View Favorites Tools Actions Help

New Send/Receive Find Organize

Outlook Shortcuts

Outlook Today

Inbox (134)

Calendar

Contacts

Tasks

Notes

Deleted Items (25)

My Shortcuts

Other Shortcuts

402 Items

Start

Sent Items

To: Felix, David

Subject: [Empty]

Sent: Wed 4/27/2005 12:17 PM

From: Villa, Pam

To: Felix, David

Subject: [Empty]

Department of Environmental Management

Full View Layout Small Icons

InCtr OutCtr

POINT R/B# 0 RptOff Parcel Report

6441000600

H21481

Parcels - Rec# 1 of 1

APN/Kiva Detail	<a href="#">6441000600</a>
Name1	CITY OF SAN DIEGO
Name2	
FractInt	1
Mail Addr1	C/O PROPERTY DEPT
Mail Addr2	202 C ST
OwnerZip	92101
Streetname	
Streetsuf	
Address	0
LeglDesc	SEC 13-18-1W*NEQ*POR OF LOT 1&2 OF NEQ OF
LandVal	60529
Imps Val	0
Acreage	29.56
TaxStat	T
OwnerOcc	
TRA	84020

Quickly send maps via the Email system

# GIS

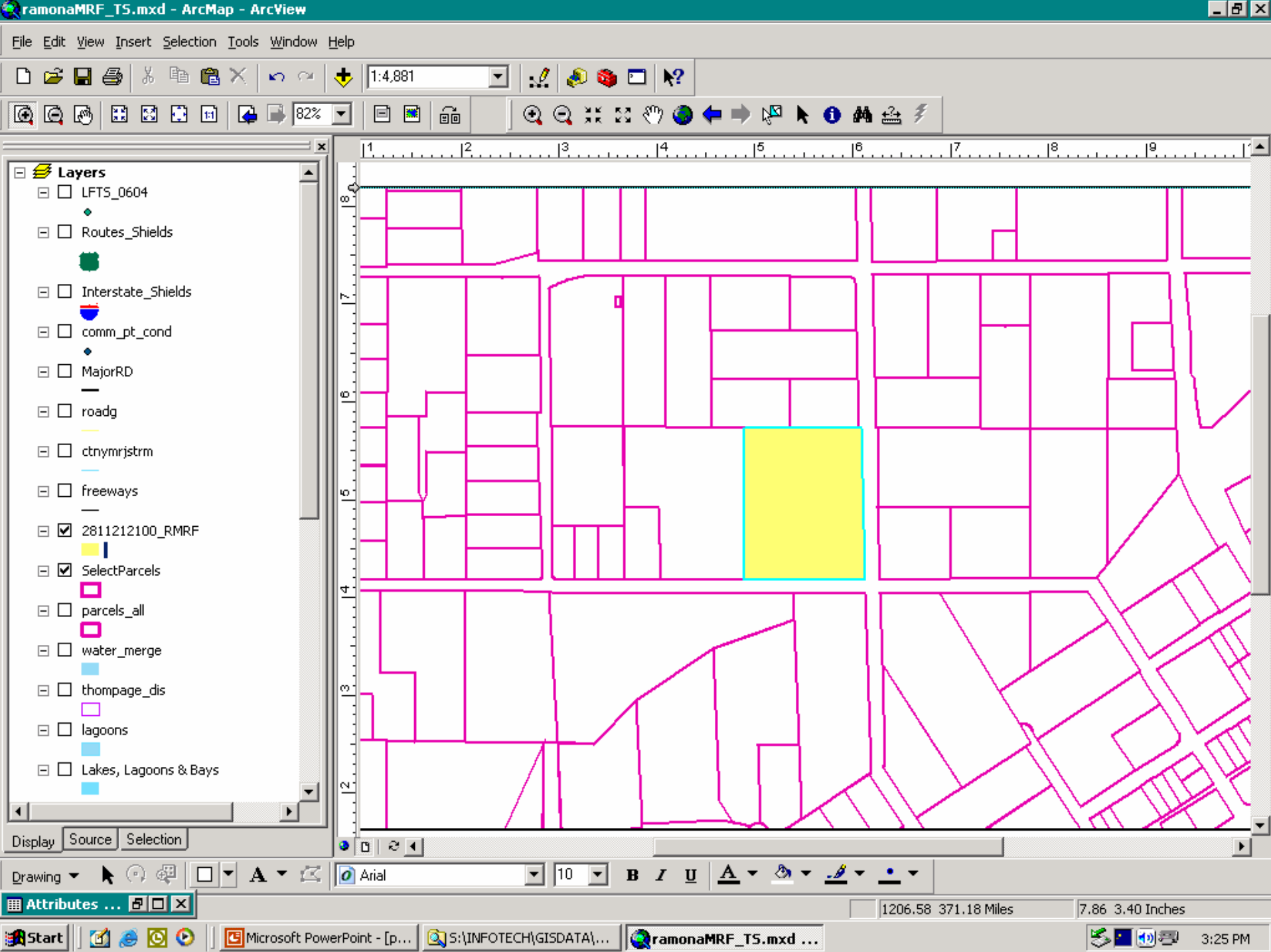
simplifies a routine process and provides for improvement

# GIS

allows you to meet regulatory requirements  
such as notification to property owners  
adjacent to a solid waste facility

California Code of Regulations Title 14  
Division 7. California Integrated Waste Management Board...







Layers

- ☐ LFTS\_
- ☐ Routes
- ☐ Interst
- ☐ comm\_
- ☐ MajorF
- ☐ roadg
- ☐ ctnymr
- ☐ freewe
- ☒ 28112
- ☒ Selectf
- ☐ parcels
- ☐ water\_
- ☐ thomp
- ☐ lagoon
- ☐ Lakes,

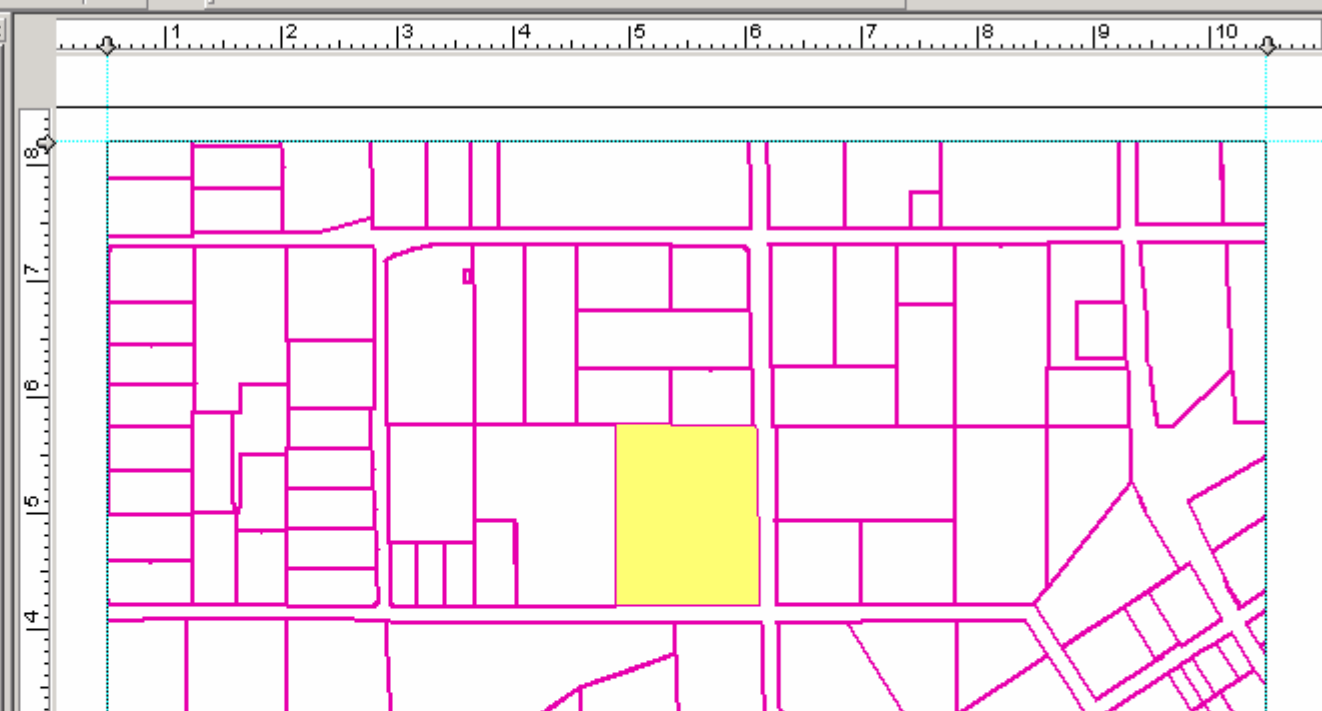
Display

Source Selection

ArcToolbox

- Analysis Tools
  - Extract
    - Clip
  - Overlay
    - Intersect
    - Union
  - Proximity
    - Buffer
    - Multiple Ring Bu
- Cartography Tools
- Conversion Tools
  - From Raster
  - To dBASE
  - To Geodatabase
  - To Raster
  - To Shapefile
- Data Management Tool
  - Feature class
  - Features
    - Add XY Coordin
    - Check Geometr
    - Copy Features
    - Multipart To Sir
    - Repair Geometr
  - Fields
  - General
    - Append
    - Copy
    - Delete
    - Rename
    - Select Data

Favorites Index Search



Buffer

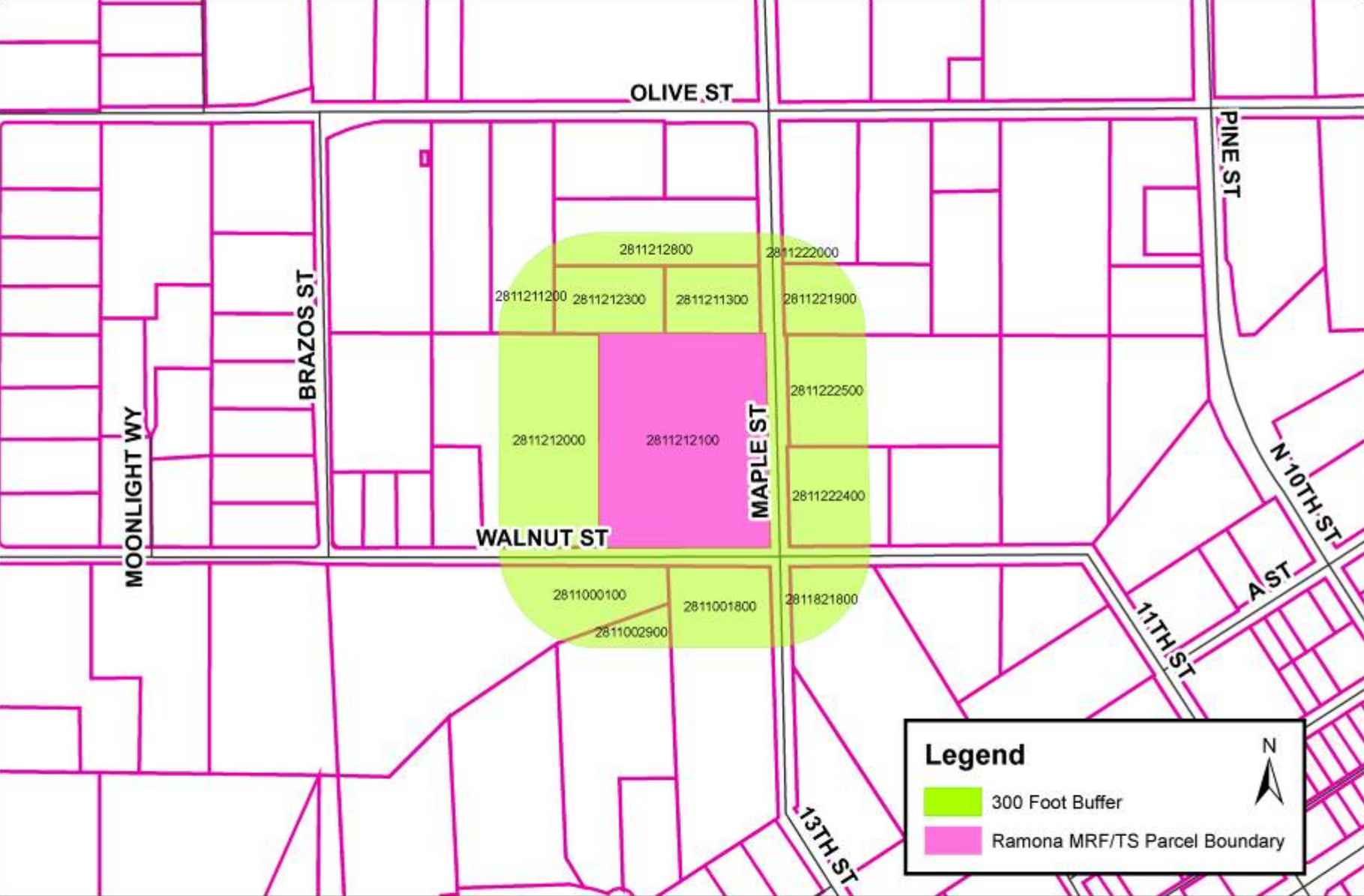
Input Features  
2811212100\_RMRF

Output Feature Class  
S:\INFOTECH\GISDATA\Other\Projects\LEA\RamonaMRF

Distance [value or field]  
☒ Linear unit  
300 Feet

OK Cancel Environments... << Hide Help





**RAMONA MATERIALS RECYCLING  
FACILITY AND TRANSFER STATION  
324 Maple Street, Ramona, CA 92065**

0 300 600 1,200 Feet

SanGIS

AmPhila  
USA

DISCLAIMER: This map is provided without warranty of any kind, either express or implied, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose. This product may contain information from the SANDAG Regional Information System, which cannot be reproduced without the written permission of SANDAG. This product may contain information which has been reproduced with permission granted by Thomas Brothers Maps. Copyright SanGIS. All Rights Reserved. Copyright 2004 AmPhilaUSA, LLC. All Rights Reserved.

H1

= OWN\_ADDR3

	A	D	F	G
1	<b>APN</b>	<b>OWN_NAME1</b>	<b>OWN_ADDR1</b>	<b>OWN_ADDR2</b>
2	7811000100	DISNEY FAMILY TRUST 03-29-95	6630 LOOMIS ST	LAKEWOOD CA
3	7811001800	CHIP & DALE PARTNERSHIP	156 MAPLE ST	RAMONA CA
4	7811007900	PLUTO COMMUNITIES L L C	C/O MICKIE RILEY	277 RANCHEROS D
5	7811711700	DAFFY DUCK	1201 QUEST RD	RAMONA CA
6	7811711300	ROBINSON FAMILY TRUST 02-18-88	206 16TH ST #102A	RAMONA CA
7	7811717000	SMALL WORLD BROTHERS	15735 ROSEMONT LN	RAMONA CA
8	7811717100	FANTASIA EQUIPMENT CORP	P O BOX 1818	ESCONDIDO CA
9	2811212300	SLEEPY FAMILY TRUST 02-18-88	206 16TH ST #102A	RAMONA CA
10	7811717800	HAPPY FAMILY TRUST 02-18-88	3136 BERNARDO LN	ESCONDIDO CA
11	2811221900	MICKEY MOUSE	P O BOX 1560	RAMONA CA
12	7811777000	BUGS BUNNY TRUST 08-01-01	3322 WHITE HAWK RD	ESCONDIDO CA
13	7811777400	100 DALMATIIONS DEVELOPMENT INC	1266 SEACOAST DR	IMPERIAL BEACH C
14	7811777500	GRUMPY L L C	1122 B ST	RAMONA CA
15	7811871800	PIRATES OF CARIBBEAN TRUST 03-14-97	320 WOODMEADOW LN	RAMONA CA
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				



Labels2 - Microsoft Word

File Edit View Insert Format Tools Table Window Help

Spelling and Grammar... F7

Language

Mail Merge...

Envelopes and Labels...

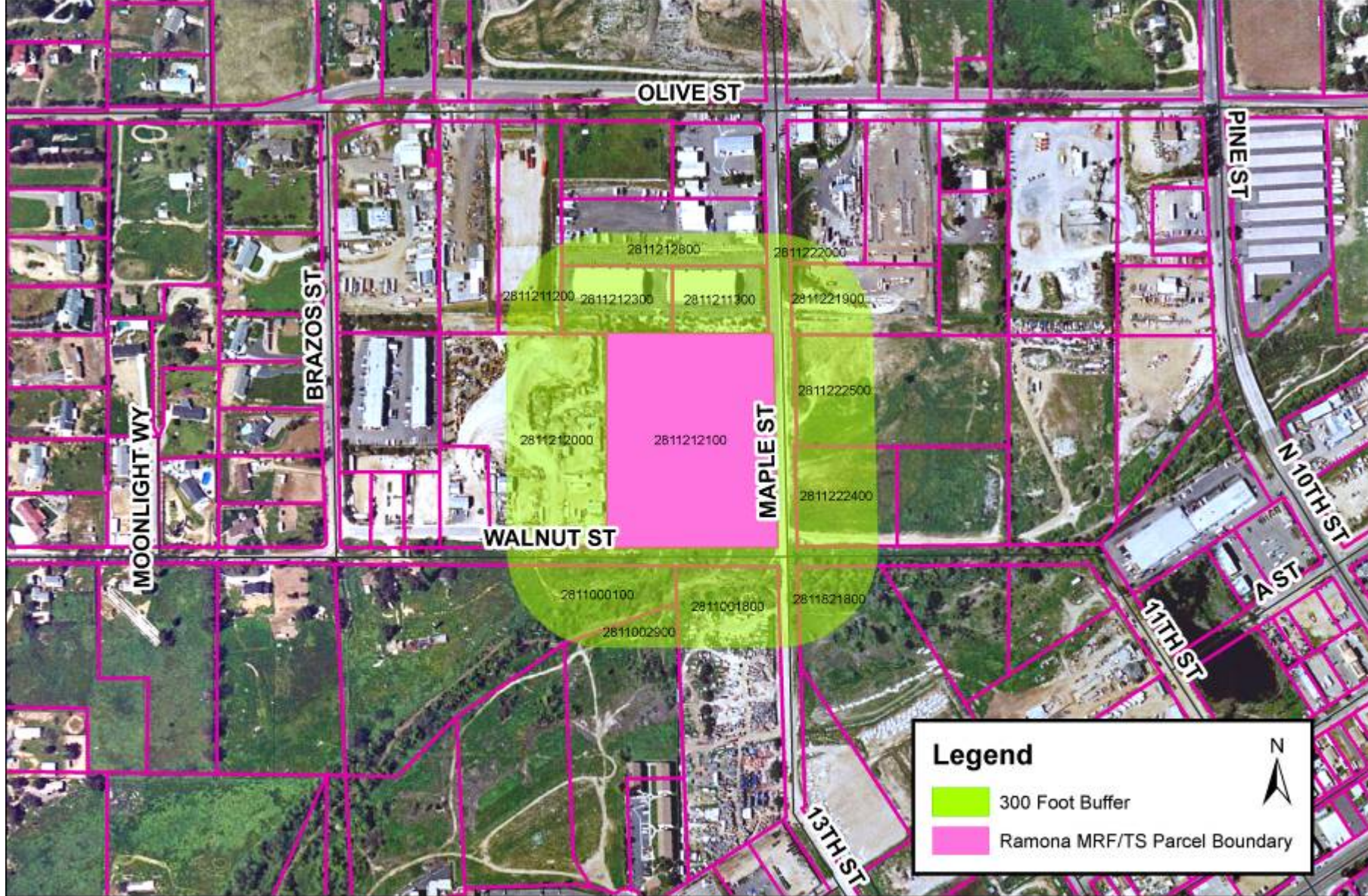
DISNEY FAMILY TRUST 03-29-95 6630 LOOMIS ST LAKEWOOD CA90713	CHIP & DALE PARTNERSHIP 156 MAPLE ST RAMONA CA92065	PLUTO CO L C C/O MICK 277 RANCH #20202060
DAFFY DUCK 1201 QUEST RD RAMONA CA92065	ROBINSON FAMILY TRUST 02-18-88 206 16TH ST #102A RAMONA CA92065	SMALL W BROTHER 15735 ROS RAMONA C
FANTASIA EQUIPMENT CORP P O BOX 1818 ESCONDIDO CA92033	SLEEPY FAMILY TRUST 02-18-88 206 16TH ST #102A RAMONA CA92065	HAPPY FA 02-18-88 3136 BERN ESCONDID
MICKEY MOUSE P O BOX 1560	BUGS BUNNY TRUST 08- 01 01	100 DALML DEVELOP

Draw AutoShapes

Page 1 Sec 1 1/1 At 1.7" Ln 8 Col 9 REC TRK EXT OVR

Start Document5 - Mi... Microsoft Excel LABELS.doc - Mi... hp deskjet 960... Document2 - Mi... Labels2 - Mi... 11:42 AM





### Legend

- 300 Foot Buffer
- Ramona MRF/TS Parcel Boundary



0 300 600 1,200 Feet



County of San Diego  
Department of Environmental Health

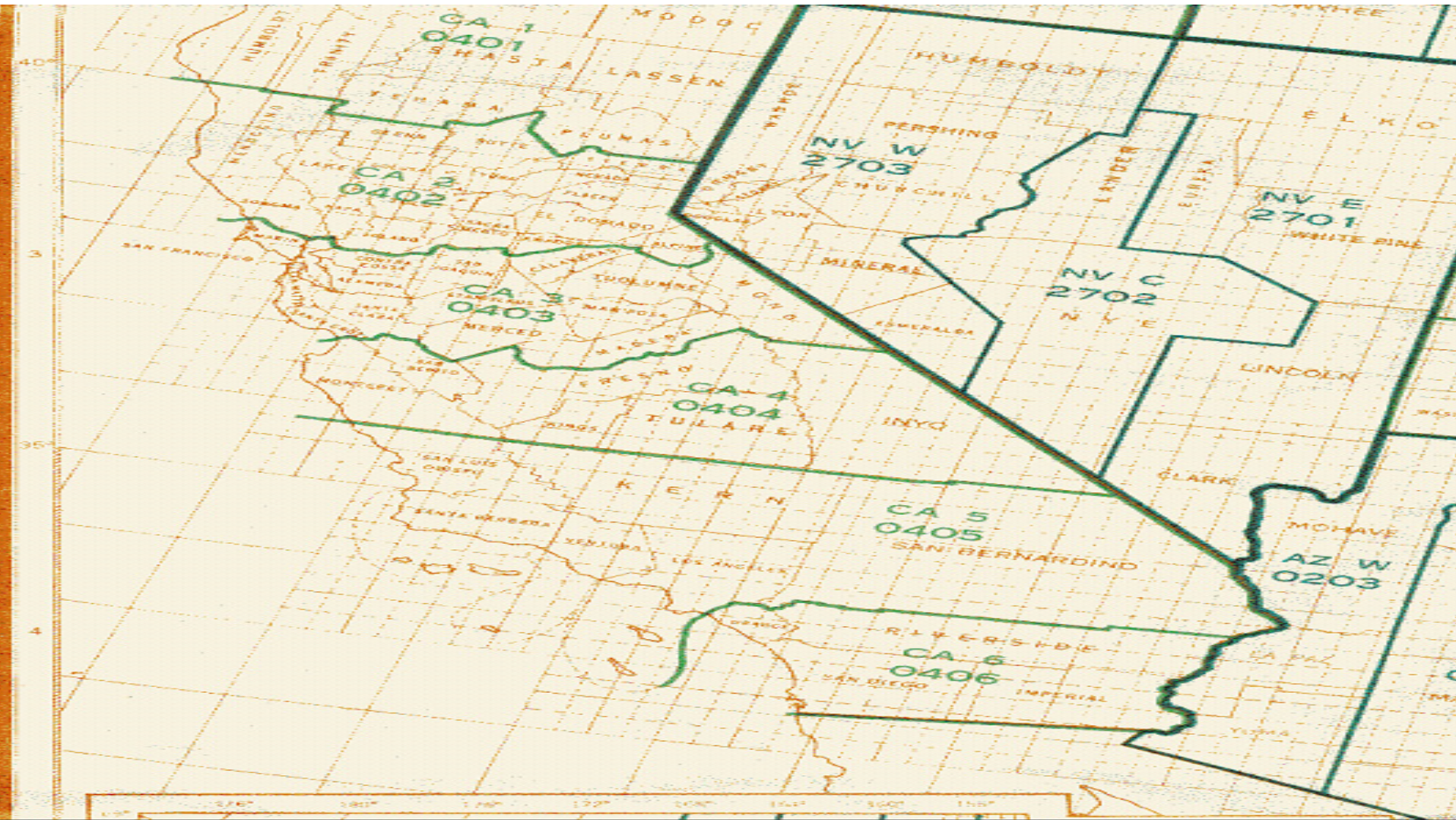
**RAMONA MATERIALS RECYCLING  
FACILITY AND TRANSFER STATION**  
324 Maple Street, Ramona, CA 92065



DISCLAIMER: This map is provided without warranty of any kind, either express or implied, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose. This product may contain information from the SANDAG Regional Information System, which cannot be reproduced without the written permission of SANDAG. This product may contain information which has been reproduced with permission granted by Thomas Brothers Maps. Copyright SanGIS. All Rights Reserved. Copyright 2004 AerialPhotoUSA LLC. All Rights Reserved.



**Now that you've seen ways to use GIS...**



**How can YOU get information into a GIS or onto a map?**

# How are layers created?

If the data is not in a format the computer can recognize then various techniques can capture the information.

1. Digitize data by hand-tracing with a computer mouse on the screen or on a digitizing tablet to collect the coordinates of features.
2. Geocode using a reference layer
3. Obtain coordinates from a Global Positioning System (GPS) receivers and upload into a GIS

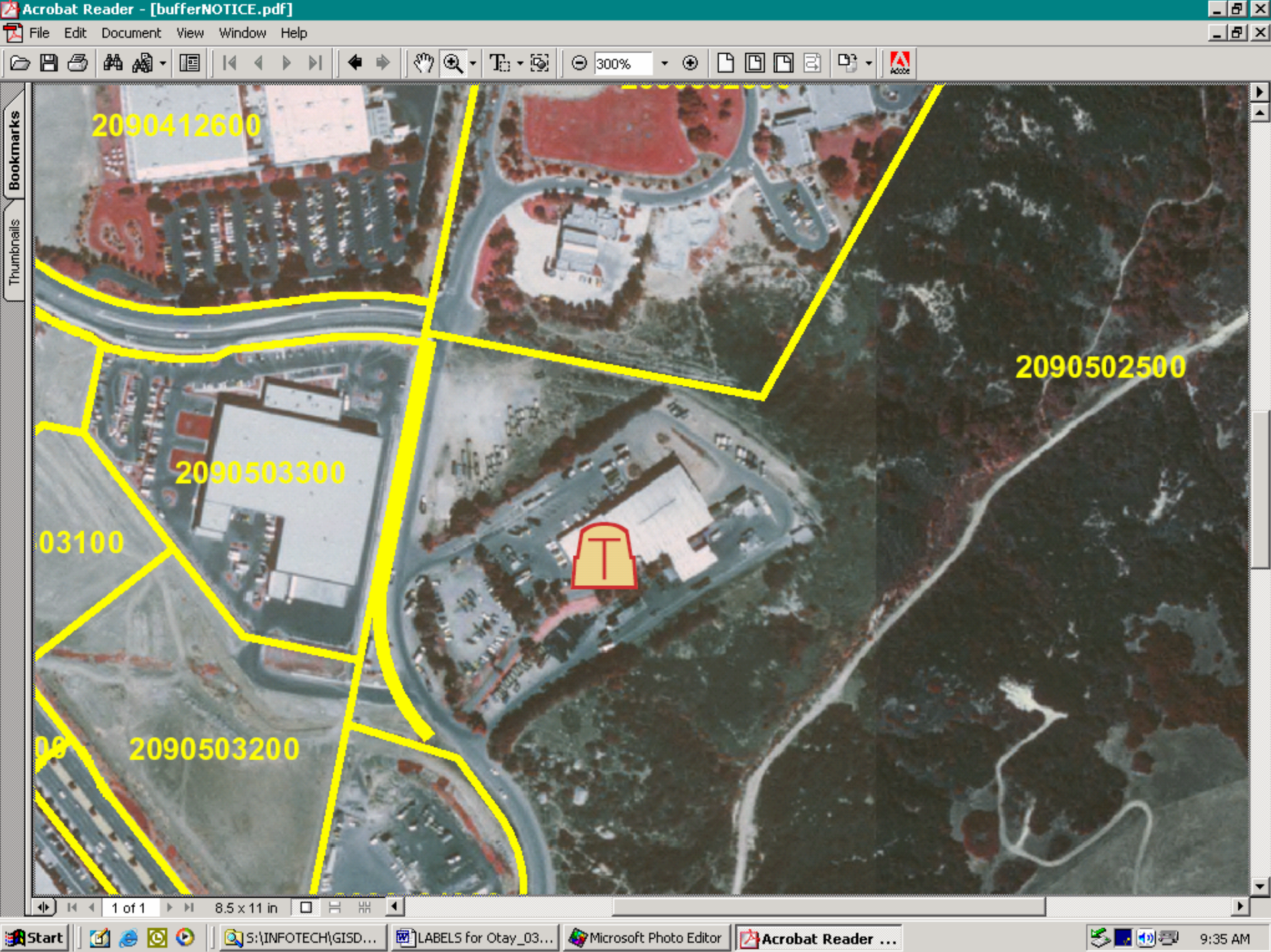




Microsoft Excel - facilities.dbf										
File Edit View Insert Format Tools Data Window Help										
A46 Monthly										
	A	B	C	D	E	F	G	H	I	J
24	Quarterly	Poway Landfill	Closed Landfill	H86018	14900 Block Poway Rd @ Espola R	J27	37-AA-0018	tbd	y	y
25	Quarterly	Maxson Street Landfill	Closed Landfill	H86098	1800 Block Maxson Street, Ocean	J27	37-AK-0006	tbd	y	y
26	Quarterly	Mission Avenue SLF	Closed Landfill	H86099	2000 Block Mission Ave, Oceansi	J27	37-AK-0001	tbd	y	y
27	Quarterly	Viejas Sanitary Landfill	Closed Landfill	H86003	7850 Campbell Ranch Rd, Alpine	J29	37-AA-0003	tbd	y	y
28	Quarterly	Lakeside Burnsife (Cactus Par	Solid Waste Burns	H86937	Ashwood Street, Lakeside	J29	37-CR-0043	tbd	y	y
29	Quarterly	Old San Marcos Landfill (Brad	Closed Landfill	H86939	400 Block Rancho Santa Fe Rd, S	J29	37-AO-0009	tbd	y	y
30	Quarterly	Duck Pond	Closed Landfill	H86017	3100 Blk National City Blvd, Na	J78	37-AA-0017	tbd		
31	Quarterly	Fallbrook Landfill	Closed Landfill		1800 Blk Alturas St, Fallbrook	J78	37-CR-0024	tbd		
32	Annual	Mayhew Dump (Escondido I)	Closed Landfill	H86304	Greenwood Place, Escondido	J78	37-CR-0045	tbd		
33	Annual	Dixon Dam	Illegal Landfill	H86308	Dixon Dam/Lake spillway, Escond	J78	37-CR-0019	tbd		
34	Annual	Lake Henshaw Resort	Closed Landfill		1/2 mile North of Resort, Warne	J78	37-CR-0042	tbd		
35	Annual	Mt. Laguna Landfill (AKA Camp	Closed Landfill		Sunrise Hwy 5E Township 15 S. S	J78	37-CR-0048	tbd		
36	Annual	N Street Landfill	Closed Landfill	H86314	SW corner of 26th St. and N-Str	J78	37-CR-0052	tbd		
37	Annual	National City Dump (AKA Davie	Closed Landfill	H86313	West of I-5, South of 24th Stre	J78	37-CR-0084	tbd		
38	Annual	Chocolate Bar	Closed Landfill		NE Corner Dunbar Lane & Chocola	J78	None	tbd		
39	Monthly	Otay SLF (H86009 & H86010 Com	Large Landfill	H86010	1700 Maxwell Rd, Chula Vista	J10	37-AA-0010	y	y	y
40	Monthly	Borrego Springs SLF	Small Landfill	H86006	2449 Palm Cyn. Dr, Borrego Spri	J11	37-AA-0006	y	y	y
41	Monthly	Las Pulgas SLF	Small Landfill	H86903	43 Area, Basilone Rd, MCB Camp	J11	37-AA-0903	y	y	y
42	Monthly	Ramona SLF	Small Landfill	H86005	20630 Pamo Rd, Ramona	J11	37-AA-0005	y	y	y
43	Monthly	San Onofre SLF	Small Landfill	H86902	52 Area, Basilone Rd, MCB Camp	J11	37-AA-0902	y	y	y
44	Monthly	Escondido Resource Recovery	Transfer Station	H86908	1044 W. Washington Ave, Escondi	J12	37-AA-0906	y	y	y
45	Monthly	Universal Refuse TS	Transfer Station	H86923	1001 W. Bradley Ave, El Cajon	J12	37-AA-0929	y	y	y
46	Monthly	Ramona MRF & TS	Transfer Station	H86957	324 Maple Street, Ramona	J13	37-AA-0925	y	y	y
47	Monthly	Coast Waste Mgmt./Palomar MRF	Transfer Station	H86501	5960 El Camino Real, Carlsbad	J13	37-AH-0001	y	y	y
48	Monthly	EDCO Station - La Mesa	Transfer Station	H86955	8184 Commercial St, La Mesa	J13	37-AA-0922	y	y	y
49	Monthly	Fallbrook Recycling & Transfe	Transfer Station	H86954	550 West Aviation Rd, Fallbrook	J13	37-AA-0923	y	y	y
50	Quarterly	Barrett Junction Rural Contai	Transfer Station	H86200	1090 Barrett Lake Rd, Dulzura	J14	37-AA-0200	y	y	y
51	Quarterly	Boulevard Rural Container Stn	Transfer Station	H86202	41097 Old Hwy 80, Boulevard	J14	37-AA-0202	y	y	y
52	Quarterly	Campo Rural Container Stn.	Transfer Station	H86203	1515 Buckman Springs Rd, Campo	J14	37-AA-0203	y	y	y
53	Quarterly	Palomar Mtn. SVTS	Ltd Vol Transfer	H86206	21600 Blk E. Grade Rd Hwy S-7,	J14	37-AA-0206	y	y	y
54	Quarterly	Ranchita Ltd Volume Transfer	Ltd Vol Transfer	H86207	37500 Blk Montezuma Valley Rd,	J14	37-AA-0207	y	y	y
55	Annual	Waste Mgmt of North County	Sealed Cont. Tran	H86924	2376 Industry Street, Oceanside	J15	37-AA-0928	y	y	y
56	Monthly	Julian LVTS	Transfer Station	H86103	500 Pleasant View Dr, Julian	J17	37-AA-0204	y	y	y
57	Monthly								y	
58	Quarterly								y	

No APN, no Coordinate Position, poor address





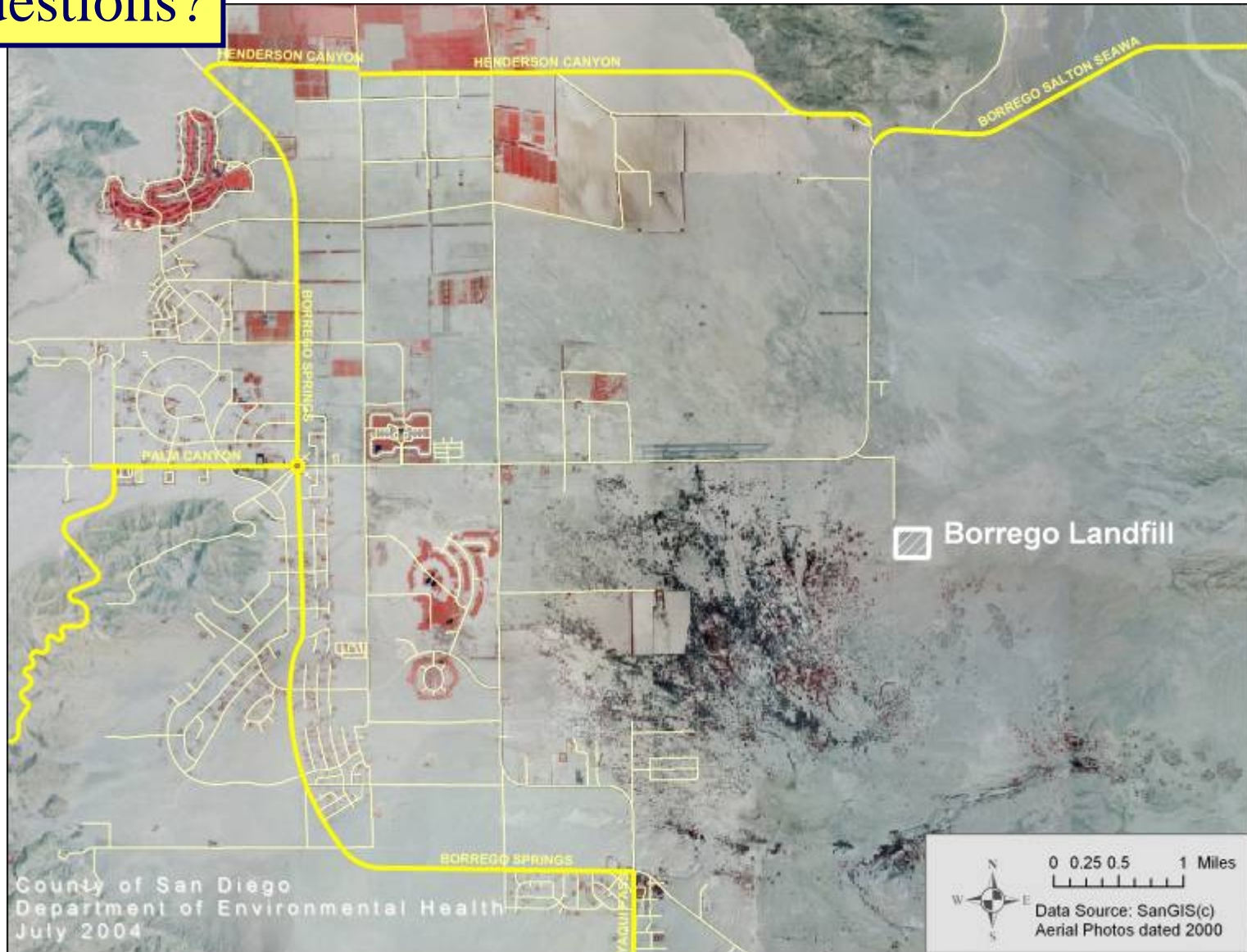


# **The Future of GIS**

Our goal is  
to make GIS a mainstream technology for  
facilitating more interoperability and integration  
with the rest of the IT infrastructure.

We envision GIS as an integral part of the  
coordinated information system, not just a project  
here and there.

# Questions?



**Pamela Villa, County of San Diego, Department of Environmental Health**  
**858-694-3583**  
**[pam.villa@sdcounty.ca.gov](mailto:pam.villa@sdcounty.ca.gov)**